

Touchpoint™ Plus

A whole new control experience



| GENERAL SPECIFICATION | |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity | Up to 8 channels with base unit, up to 16 channels with expansion unit |
| Type of inputs | 2 or 3 wires, mA, mV, max. 15W per channel, max 40W total (with dedicated A/V drive) / 68W total (without dedicated A/V drive) |
| Size (wall-mounted version) | 426 mm × 300 mm × 156 mm (16.8" × 11.8" × 6.1") |
| Housing Material | Polycarbonate ABS |
| Weight | Max 8.5 kg (18.7 lb), max 17 kg (37.4 lb) with expansion unit |
| USER INTERFACE (UI) - CONTROLLER ONLY | |
| Display | 7" colour LCD touchscreen. Graphic User Interface |
| Visual indicators | 3 LEDs for master indicators. LED for each channel. Green: Normal; Yellow: Fault; Inhibit; Red: Alarm |
| Audible alarm | ≥ 70dB @ 1m |
| Button | Common for reset/mute operation |
| Language | English, French, German, Italian, Dutch, Spanish, Portuguese, Russian, Chinese |
| POWER SUPPLY* | |
| Power AC | 110/220VAC, 50-60Hz Manual switching |
| Power DC | 18 to 32 VDC (+/-10%) Typical 24VDC |
| Power consumption | Max 105W (including detector and external devices), max 210W with expansion unit |
| ENVIRONMENTAL | |
| Operating | -10°C to +55°C (14°F to +131°F) continuous, up to 95% RH (non-condensing), IP65 and NEMA 4X |
| Storage | Instrument -25°C to +60°C. (-13°F to +140°F), up to 95% RH (non-condensing) |
| 4~20mA input | 2 or 3 wire, 2/4/8 channel modules, 10/12/16 with expansion unit |
| mV input | Catalytic type flammable gas detectors (Honeywell models). 2/4/8 channel modules, 10/12/16 with expansion unit |
| Dual Input | 2 channel mA + 2 channel mV module or 4 channel mA + 4 channel mV module |
| Relay output | 12 or 24 relay outputs, NO/C/NC changeover, 1.7A@30VDC/250VAC, user configurable - energised/de-energised, latching/non latching, time delay |
| 4~20mA output | 4 or 8 isolated repeated mA outputs, 0-22mA, 0-100%FSD = 4-20mA |
| Common inputs | Remote reset, remote inhibit |
| Common outputs | Four powered A/V outputs for alarms and fault, three common alarm outputs |
| APPROVALS | |
| Electromagnetic Compatibility and Electrical Safety | EMC/RFI (EN 50270:2015) LVD (EN 61010-1:2010) CSA-C22.2 No. 61010-1-04 UL 61010-1 (3rd Edition) and 508 |
| Performance | EN 50271:2010; EN 60079-29-1:2016; EN 45544-1 /-2 /-3:2015; EN 50104:2010 C22.2 No. 152-M1984, ISA 12.13.01 |
| Safety Integrity | IEC 61508:2010 Ed.2 SIL2, EN 50271:2010 |
| Hazardous Location | Class I, Division 2, Group A, B, C and D or non-hazardous only |
| Marine | MED (Item No.: 3.54) |
| OTHERS | |
| Backup battery | 22.2V Lithium Ion Battery, 2600mAh capacity (>30 minutes for typical system) |
| Data logging | Configuration, logged events and data |
| Communication | MODBUS TCP, WEB monitoring and MODBUS RTU |

* Basic and expansion units each require a power supply

** Not available in Expansion Unit

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